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Application of:	Johnson et al.	Group No.:	1647
Serial No.:	09/220,617	Atty. Docket No.:	56029-7976
Filed:	12/24/1998		
For:	Persephin and RElated Growth Factors	Examiner:	Hayes, Robert Clinton

Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE**HONORABLE SIR:**

Responsive to the official communication of July 15, 2003, Applicant submits the following Amendments and Remarks.

It is not believed that extensions of time are required beyond those which may otherwise be provided for in documents accompanying this Amendment. However, in the event that additional extensions of time are necessary to prevent abandonment of

this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a), and any fees required therefore are hereby authorized to be charged to our Deposit Account 20-0823.

Please enter the following Amendments and Remarks in this application.

Amendments to the Drawings:

The attached drawing sheet includes changes to Figure 20. This sheet, which includes Figure 20A and 20B, replaces the original sheet including Figure 20, as required by the Examiner at page 2 of the Office Action dated July 13, 2003. As indicated therein, applicant's amendment dated June 25, 2001 amended Figure 20, but was not accompanied by a replacement sheet. The attached drawing sheet is intended to satisfy the Examiner's requirement for formal drawings.

Attachment: Replacement drawing sheet